U.S. COAST GUARD
615
615
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DC
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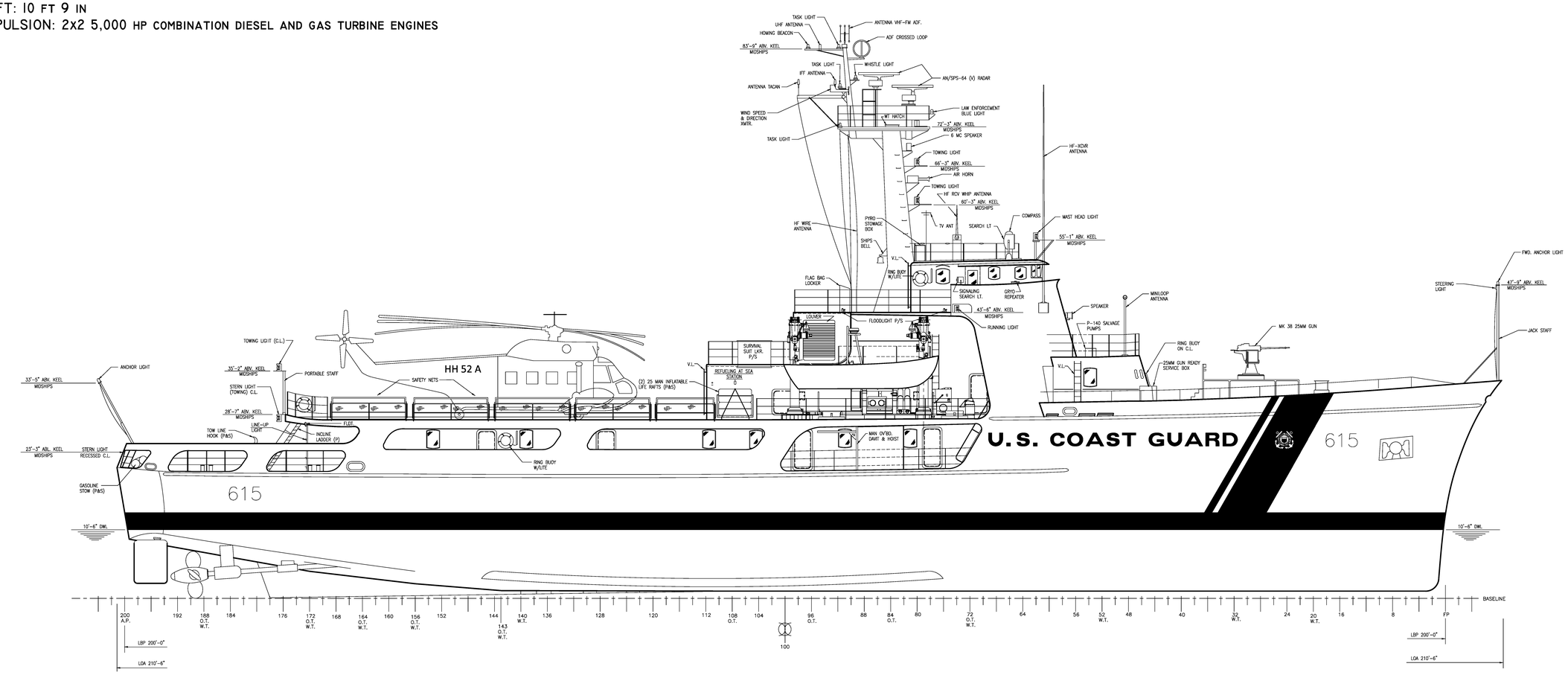
E

USCG 210' RELIANCE CLASS CUTTERS

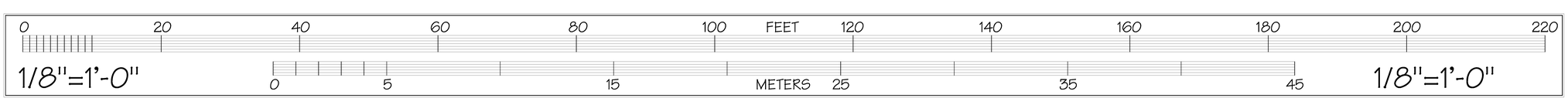
ORIGINAL A-CLASS CONFIGURATION

PROFILE

SPECIFICATIONS
LENGTH: 210 FT 6 IN
BEAM: 34 FT
DRAFT: 10 FT 9 IN
PROPULSION: 2x2 5,000 HP COMBINATION DIESEL AND GAS TURBINE ENGINES



OUTBOARD PROFILE



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NATIONAL PARK SERVICE
UNITED STATES DEPARTMENT OF THE INTERIOR

U.S. COAST GUARD 210' RELIANCE CLASS CUTTERS
VARIOUS LOCATIONS THROUGHOUT THE UNITED STATES
DISTRICT OF COLUMBIA
WASHINGTON

SHEET 1 OF 18

HISTORIC AMERICAN ENGINEERING RECORD
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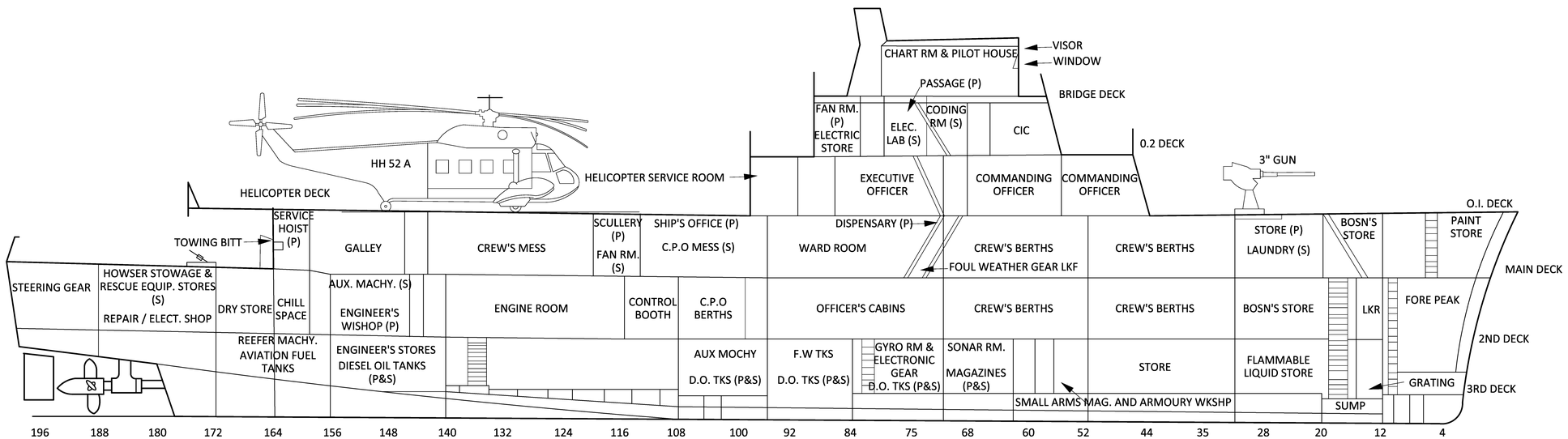
USCG 210' RELIANCE CLASS CUTTERS

ORIGINAL A-CLASS CONFIGURATION
INBOARD PROFILE



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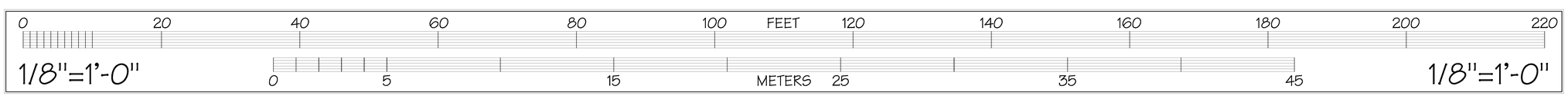

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U.S. COAST GUARD 210' RELIANCE CLASS CUTTERS
VARIOUS LOCATIONS THROUGHOUT THE UNITED STATES
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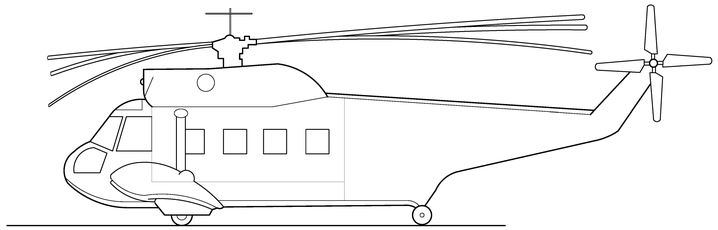
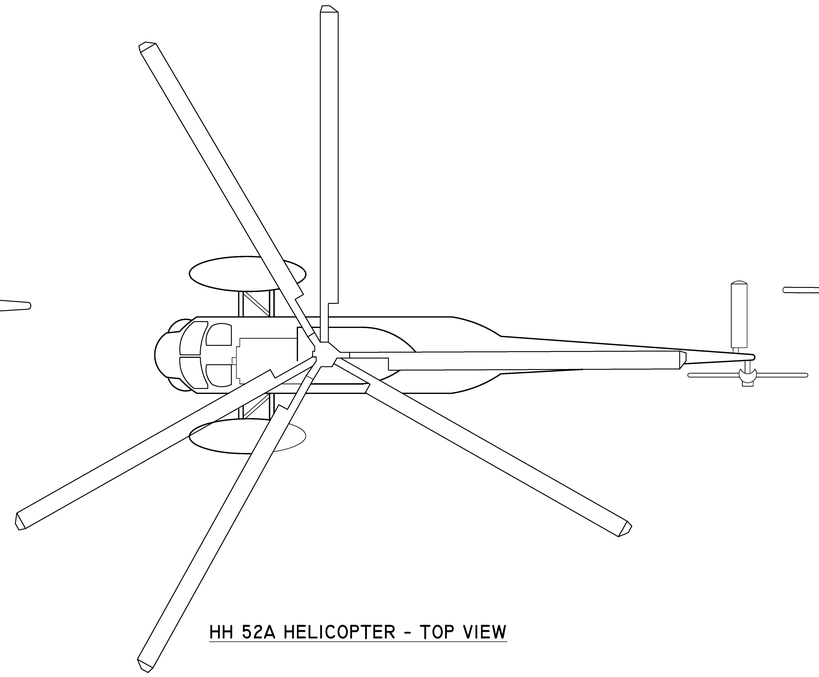
USCG 210' RELIANCE CLASS CUTTERS

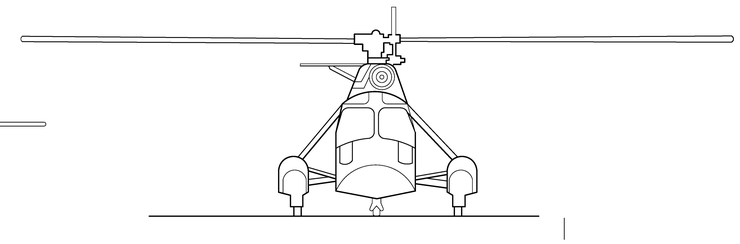
ORIGINAL A-CLASS CONFIGURATION
FLIGHT DECK and ORIGINAL HELICOPTER



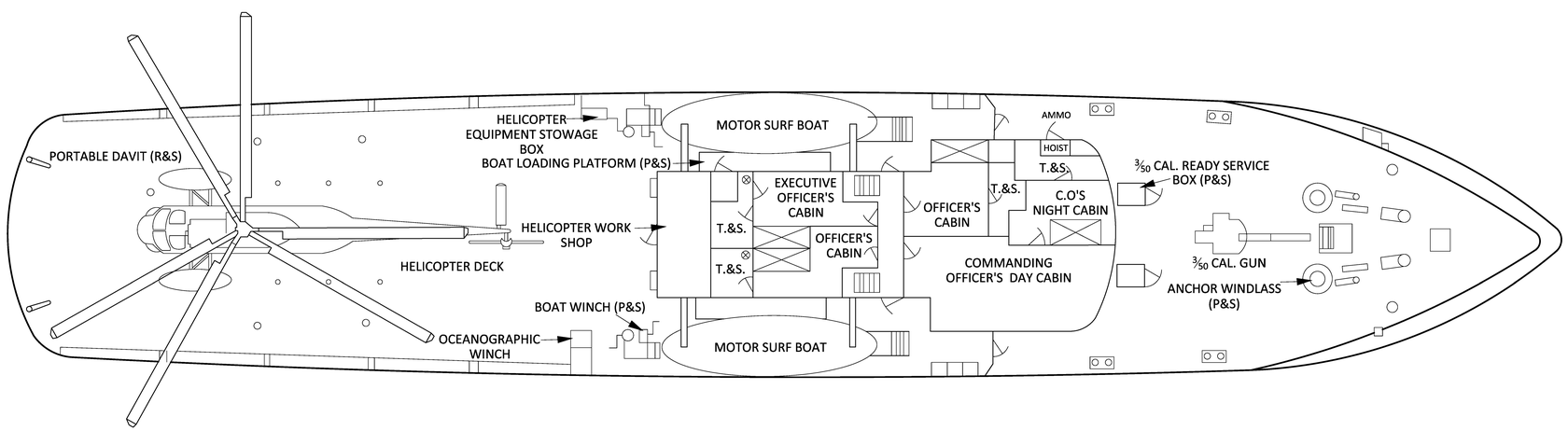
HH 52A HELICOPTER - SIDE VIEW



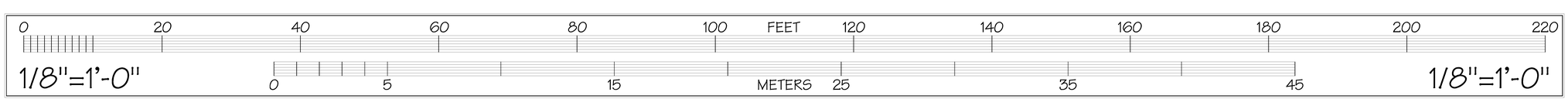
HH 52A HELICOPTER - TOP VIEW



HH52 A HELICOPTER - FRON VIEW



01 DECK



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U.S. COAST GUARD 210' RELIANCE CLASS CUTTERS
VARIOUS LOCATIONS THROUGHOUT THE UNITED STATES
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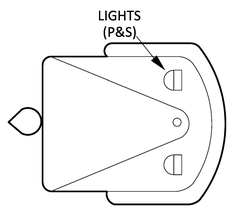
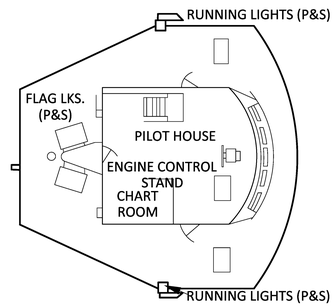
USCG 210' RELIANCE CLASS CUTTERS

ORIGINAL A-CLASS CONFIGURATION

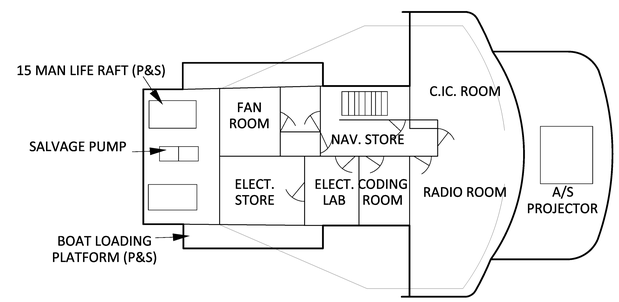
DECK PLANS



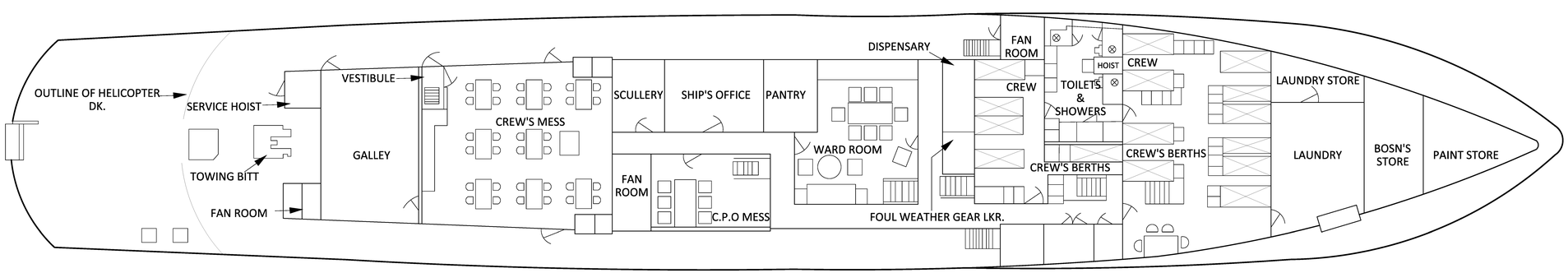
PILOT HOUSE TOP



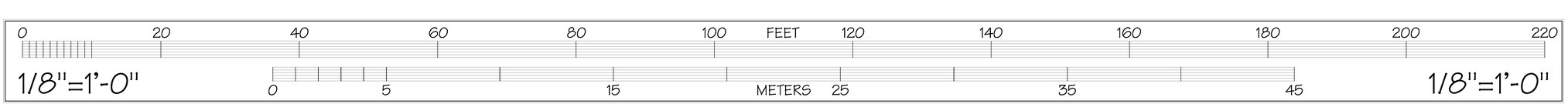
BRIDGE DECK



02 DECK



MAIN DECK



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HISTORIC AMERICAN ENGINEERING RECORD
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U.S. COAST GUARD 210' RELIANCE CLASS CUTTERS
VARIOUS LOCATIONS THROUGHOUT THE UNITED STATES

DISTRICT OF COLUMBIA

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DELINEATED BY: DIANA SERRANO, 2017

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UNITED STATES DEPARTMENT OF THE INTERIOR

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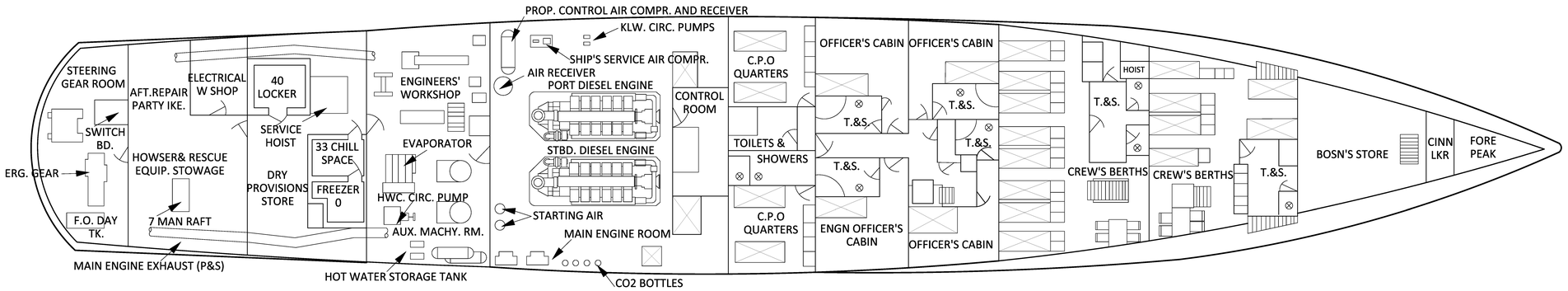
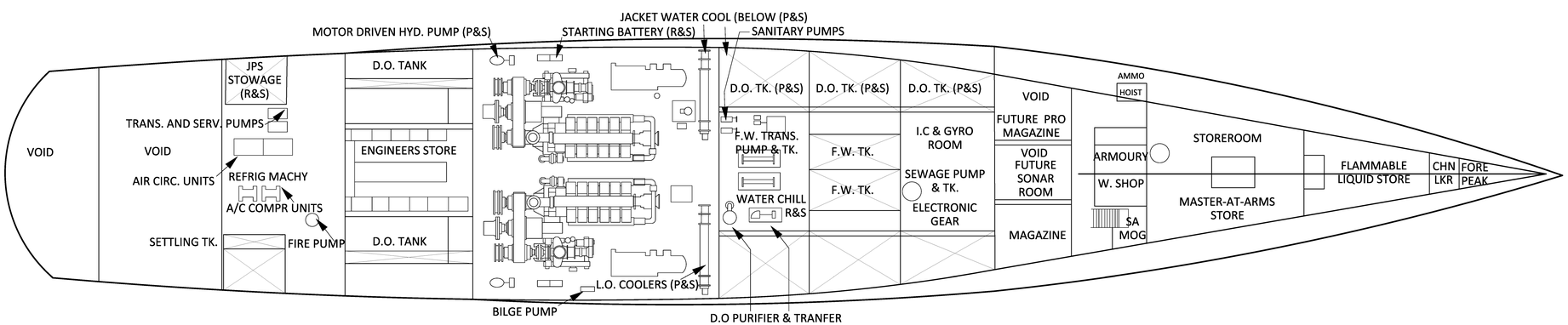
USCG 210' RELIANCE CLASS CUTTERS

ORIGINAL A-CLASS CONFIGURATION

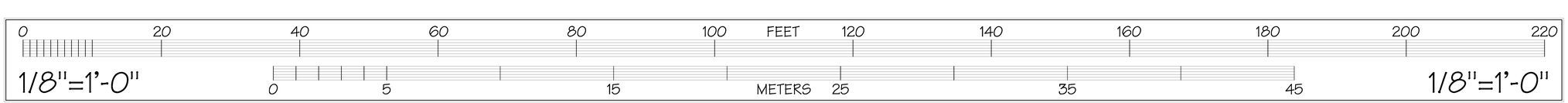
DECK PLANS



SECOND DECK



THIRD DECK



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UNITED STATES DEPARTMENT OF THE INTERIOR

U.S. COAST GUARD 210' RELIANCE CLASS CUTTERS
VARIOUS LOCATIONS THROUGHOUT THE UNITED STATES
WASHINGTON DISTRICT OF COLUMBIA

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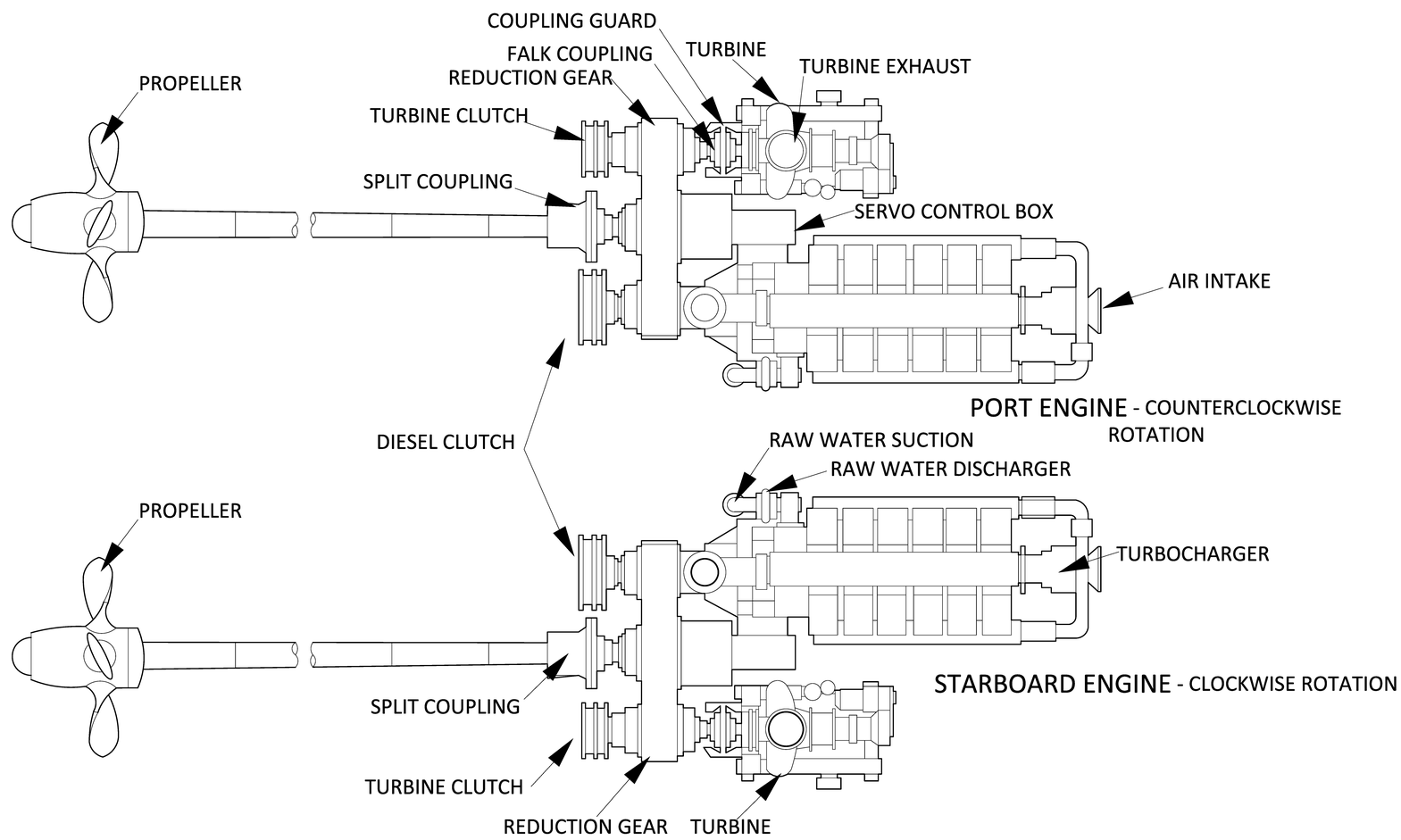
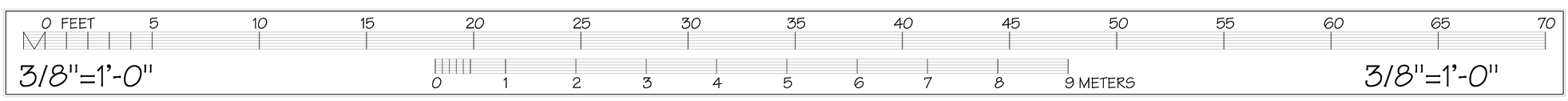
USCG 210' RELIANCE CLASS CUTTERS

ORIGINAL A-CLASS CONFIGURATION

ORIGINAL COMBINATION DIESEL/GAS TURBINE ENGINE



ENGINE CONFIGURATION



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U.S. COAST GUARD 210' RELIANCE CLASS CUTTERS
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HISTORIC AMERICAN ENGINEERING RECORD
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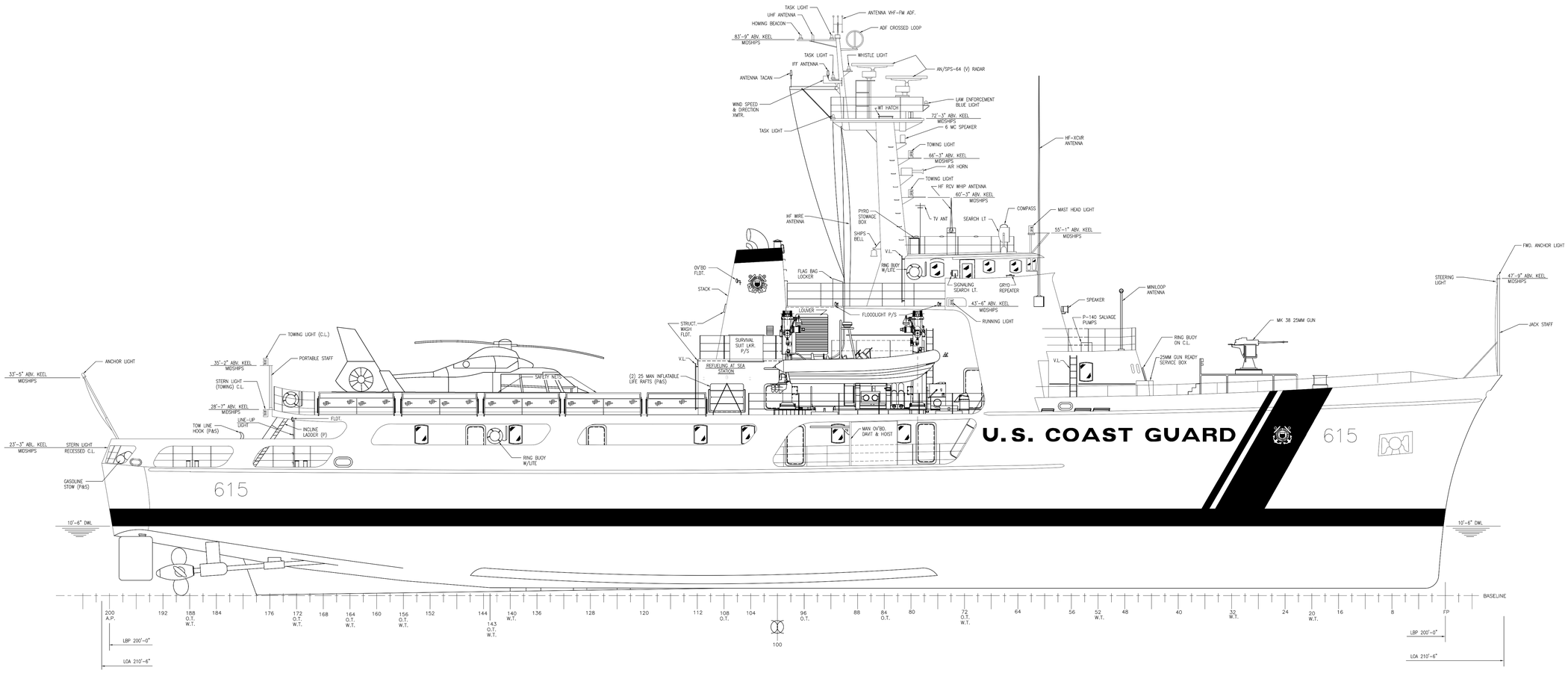
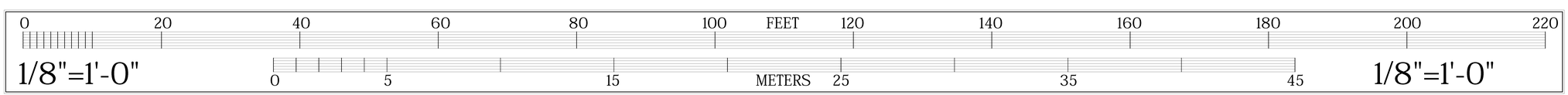
USCG 210' RELIANCE CLASS CUTTERS

CURRENT CONFIGURATION A-CLASS PROFILE

SPECIFICATIONS
LENGTH: 210 FT 6 IN
BEAM: 34 FT
DRAFT: 10 FT 9 IN
PROPULSION: 2x2,5000 HP ALCO 251B DIESEL ENGINES



OUTBOARD PROFILE



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U.S. COAST GUARD 210' RELIANCE CLASS CUTTERS
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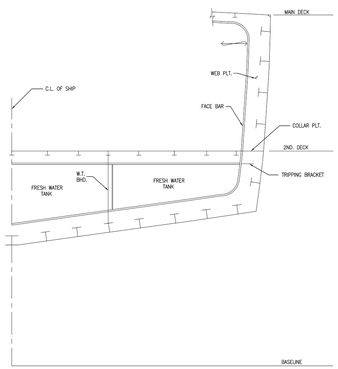
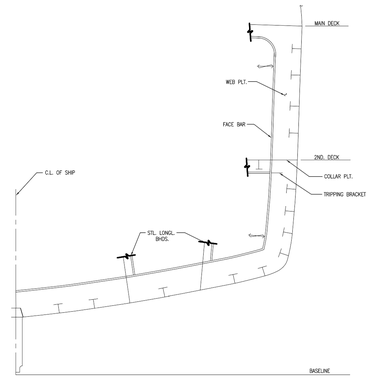
USCG 210' RELIANCE CLASS CUTTERS

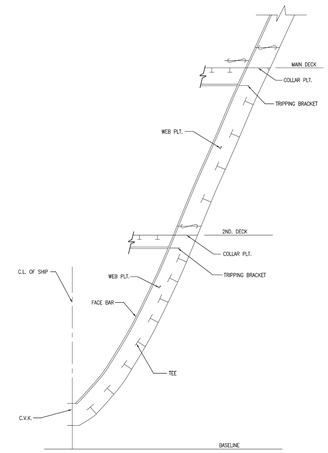
CURRENT CONFIGURATION A-CLASS
INBOARD PROFILE / SECTIONS



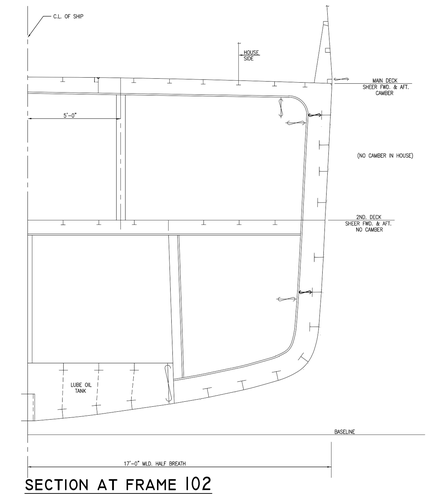
SIDE FRAME 180 AFT



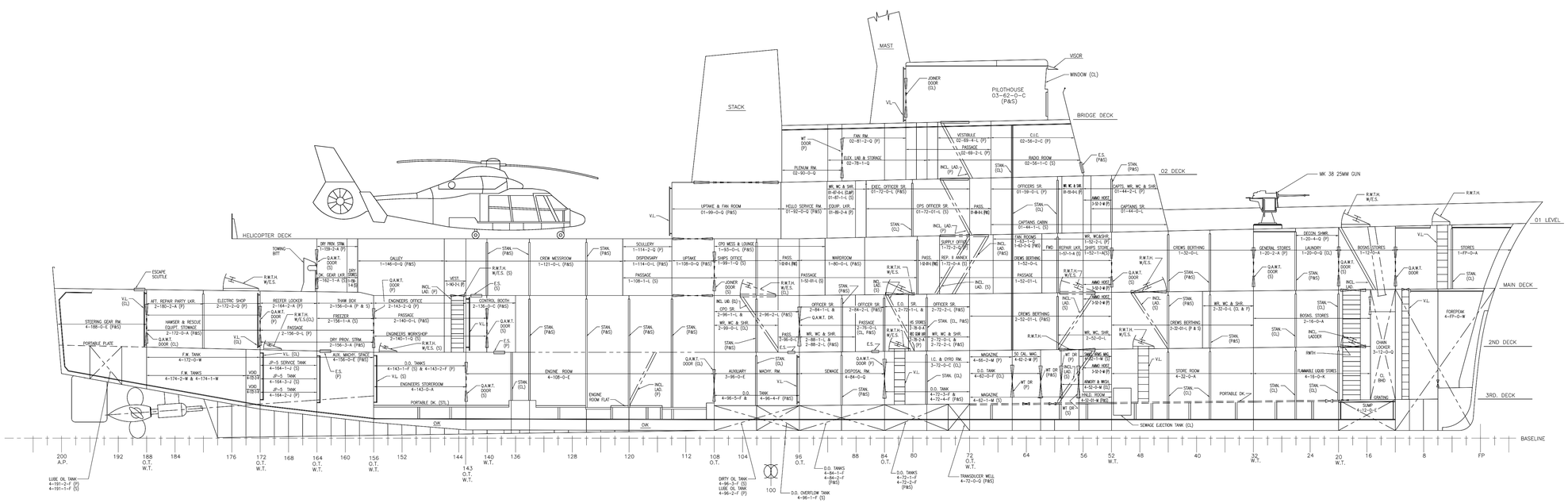
SIDE FRAME 148 AFT



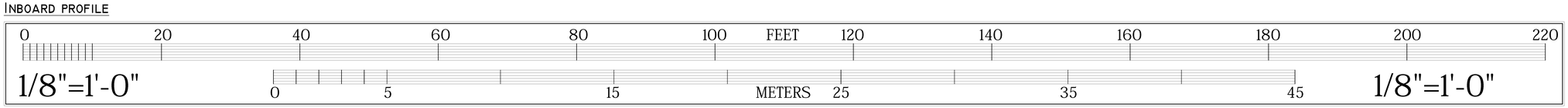
SIDE FRAME 26 AFT



SECTION AT FRAME 102



INBOARD PROFILE



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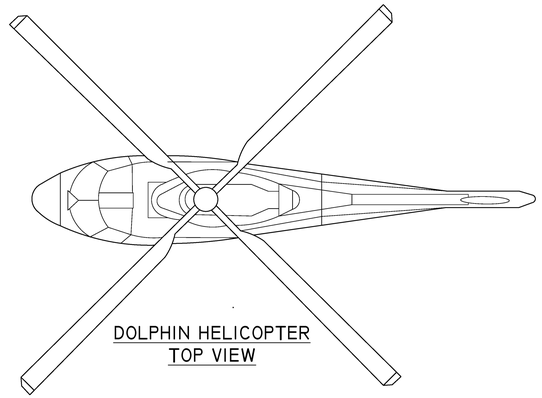
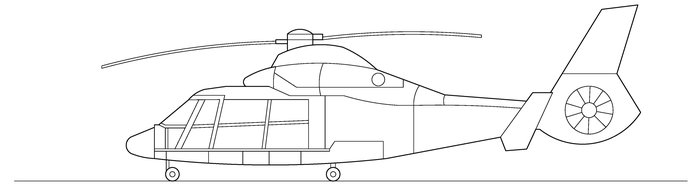
USCG 210' RELIANCE CLASS CUTTERS

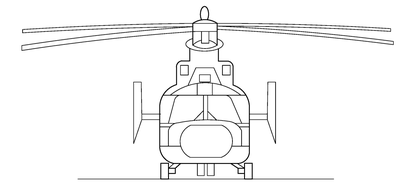
CURRENT CONFIGURATION A-CLASS
DECK PLANS / DOLPHIN HELICOPTER



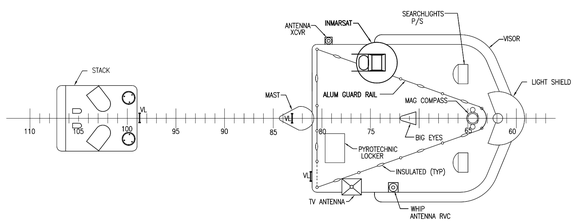
DOLPHIN HELICOPTER
TOP VIEW



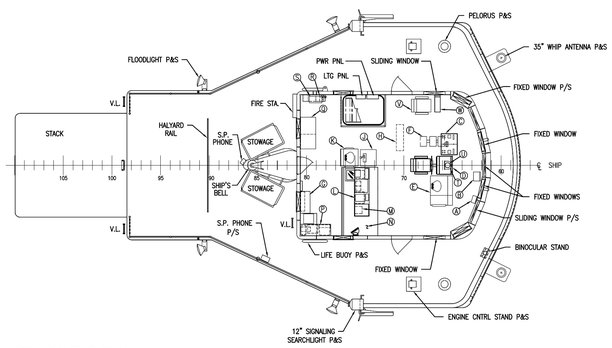
DOLPHIN HELICOPTER - SIDE VIEW



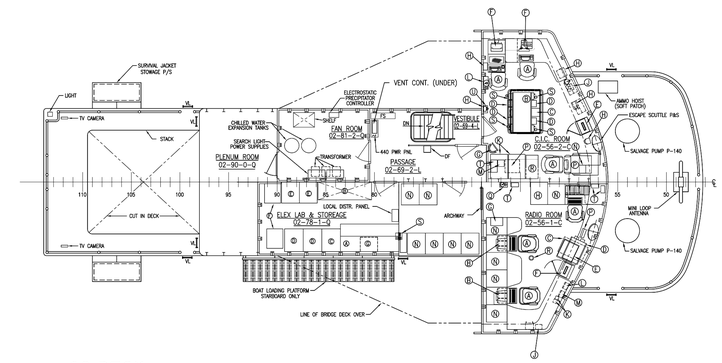
DOLPHIN HELICOPTER - FRON VIEW



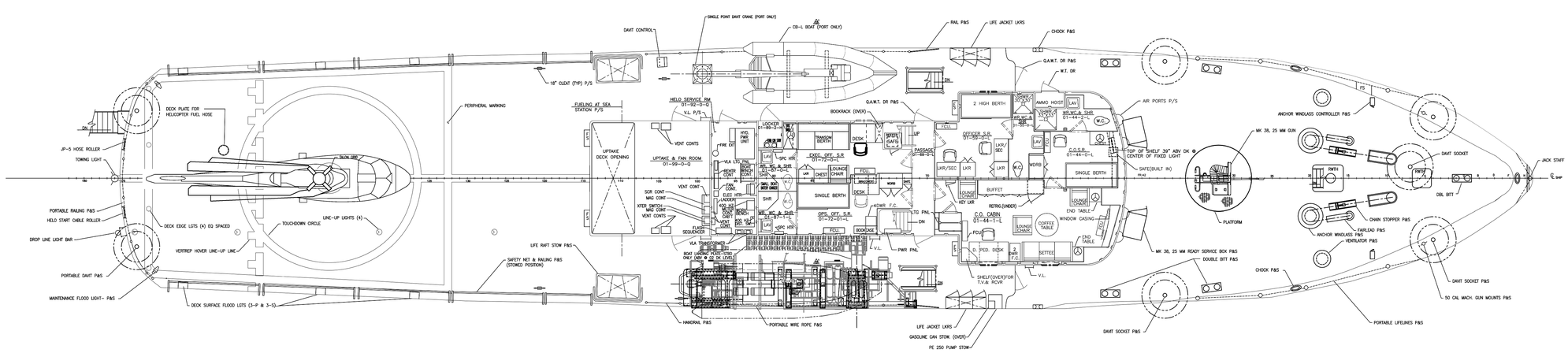
PILOT HOUSE TOP



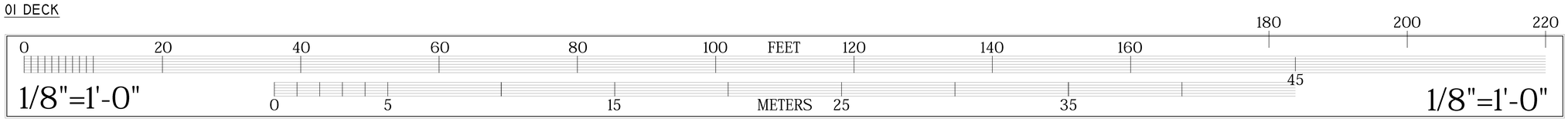
BRIDGE DECK



02 DECK



01 DECK



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U.S. COAST GUARD 210' RELIANCE CLASS CUTTERS
VARIOUS LOCATIONS THROUGHOUT THE UNITED STATES

WASHINGTON

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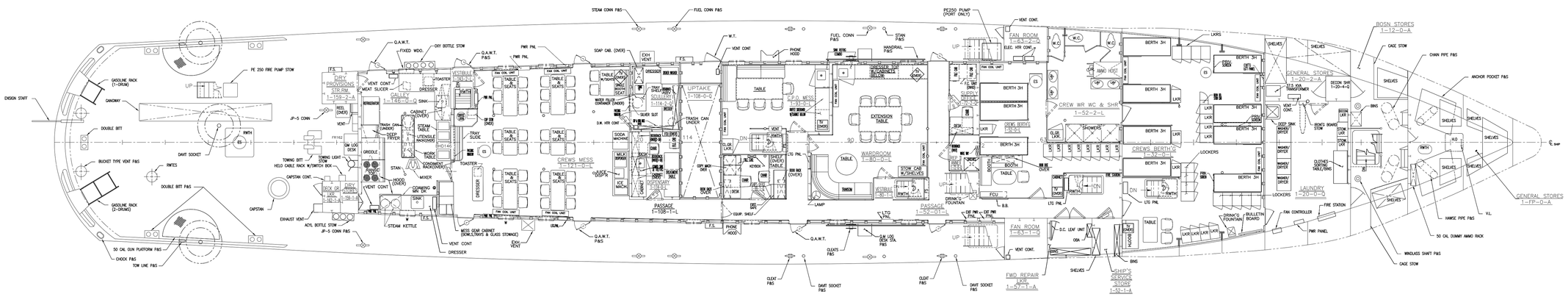
USCG 210' RELIANCE CLASS CUTTERS

CURRENT CONFIGURATION A-CLASS DECK PLANS



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DISTRICT OF COLUMBIA

SHEET 10 OF 18

HISTORIC AMERICAN ENGINEERING RECORD
HAER DC-71

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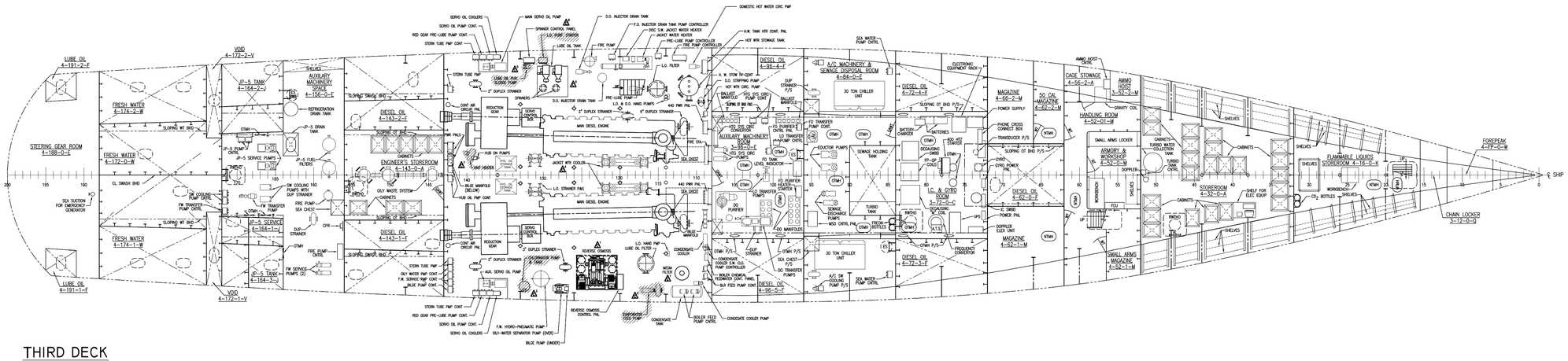
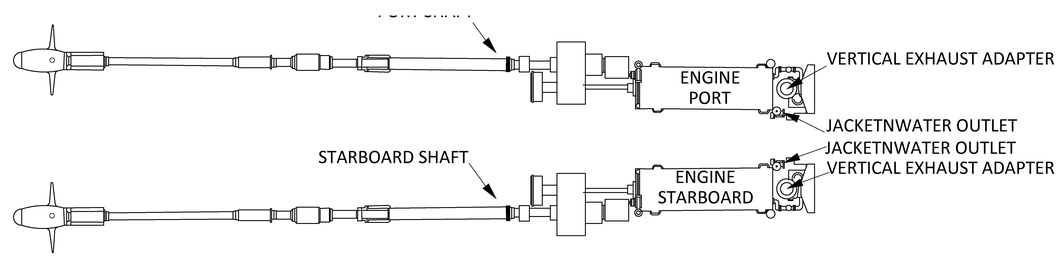
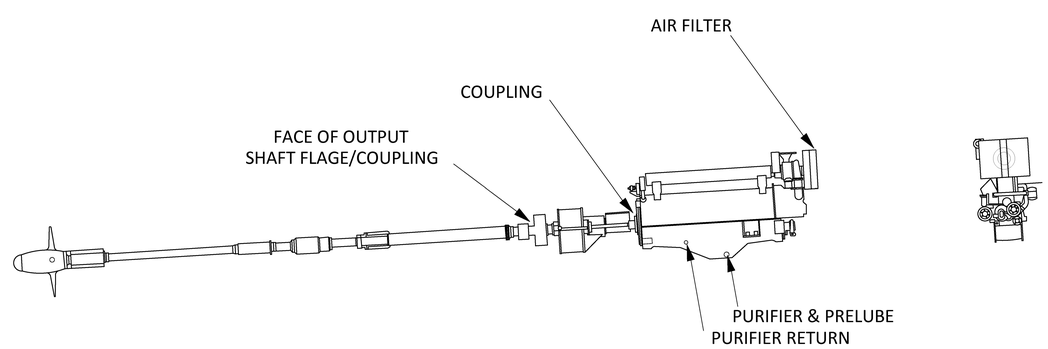
USCG 210' RELIANCE CLASS CUTTERS

CURRENT CONFIGURATION A-CLASS
DECK PLANS / ENGINE ARRANGEMENT



THIRD DECK





210 FOOT CLASS WMEC VESSEL

0 20 40 60 80 100 FEET 120 140 160 180 200 220

1/8"=1'-0" 0 5 15 METERS 25 35 45 1/8"=1'-0"

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DELINEATED BY: DIANA SERRANO, 2017

HAER MARITIME RECORDING PROGRAM
NATIONAL PARK SERVICE
UNITED STATES DEPARTMENT OF THE INTERIOR

U.S. COAST GUARD 210' RELIANCE CLASS CUTTERS
VARIOUS LOCATIONS THROUGHOUT THE UNITED STATES
WASHINGTON
DISTRICT OF COLUMBIA

SHEET II OF 18

HISTORIC AMERICAN ENGINEERING RECORD
HAER DC-71

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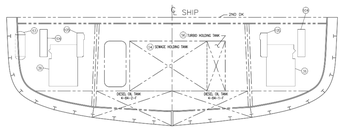
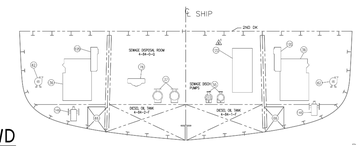
USCG 210' RELIANCE CLASS CUTTERS

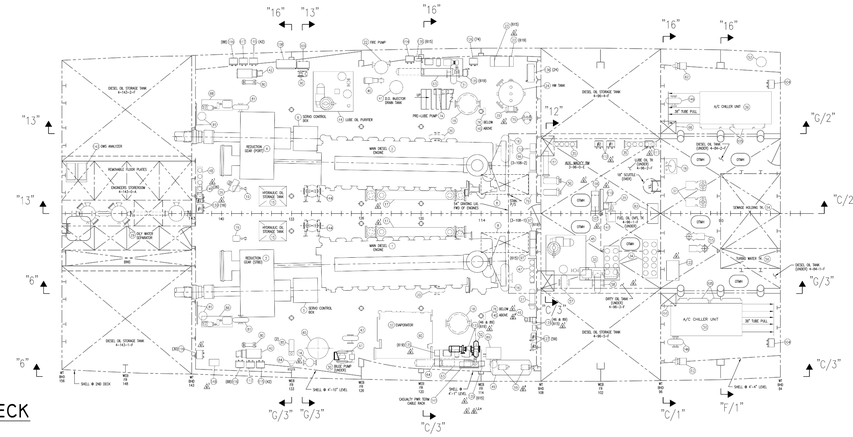
CURRENT CONFIGURATION A-CLASS
SECTIONS / DETAILS



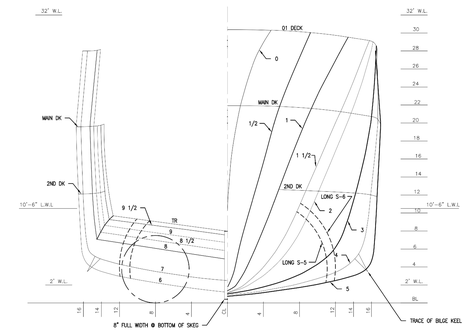
FR 90 LKG FWD



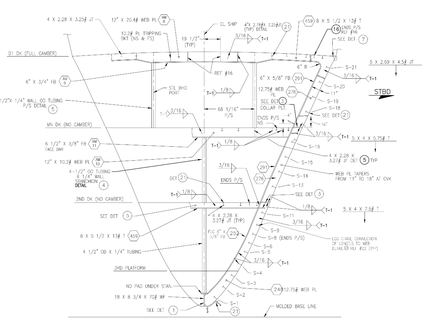
FR 90 LKG FWD
TO FR 90



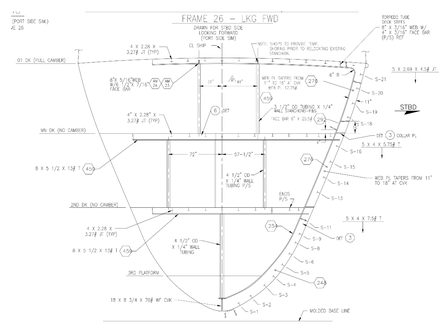
PLAN VIEW 3RD DECK



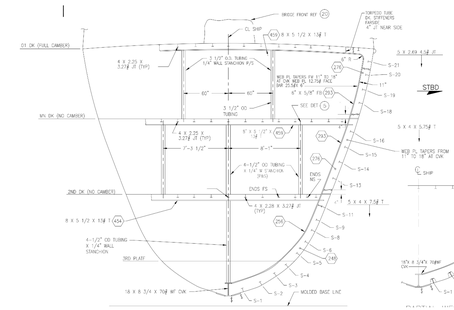
210 BODY PLAN



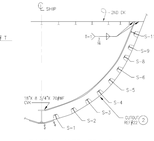
RR 26 - LKG FWD



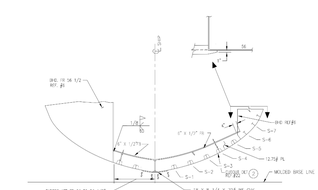
FRAME 38 - LKG FWD



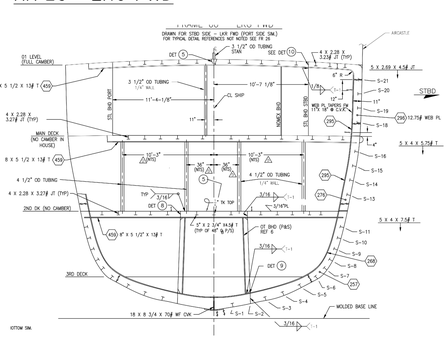
FRAME 44 - LKG FWD



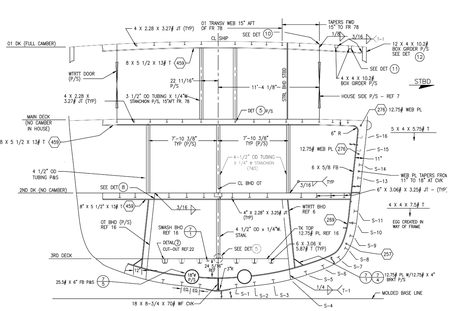
PARTIAL WEB FR 48



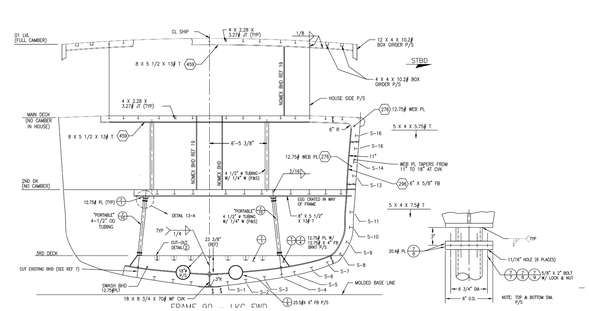
FRAME 56 - LKG AFT.



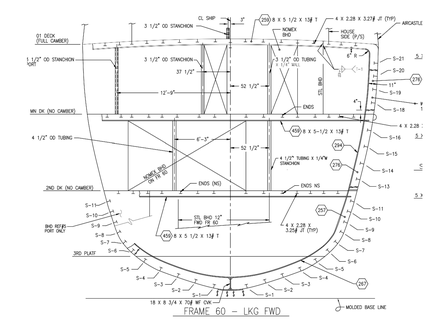
FRAME 66 - LKG FWD



FRAME 78 - LKG FWD



FRAME 90 LKG FWD



FRAME 60 - LKG FWD

0 20 40 60 80 100 120 140 FEET 160 180 200 220 240 260 280

3/32"=1'-0"

0 5 10 METERS 30 50

3/32"=1'-0"

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U.S. COAST GUARD 210' RELIANCE CLASS CUTTERS
VARIOUS LOCATIONS THROUGHOUT THE UNITED STATES
DISTRICT OF COLUMBIA
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SHEET 12 OF 18

HISTORIC AMERICAN ENGINEERING RECORD
HAER DC-71

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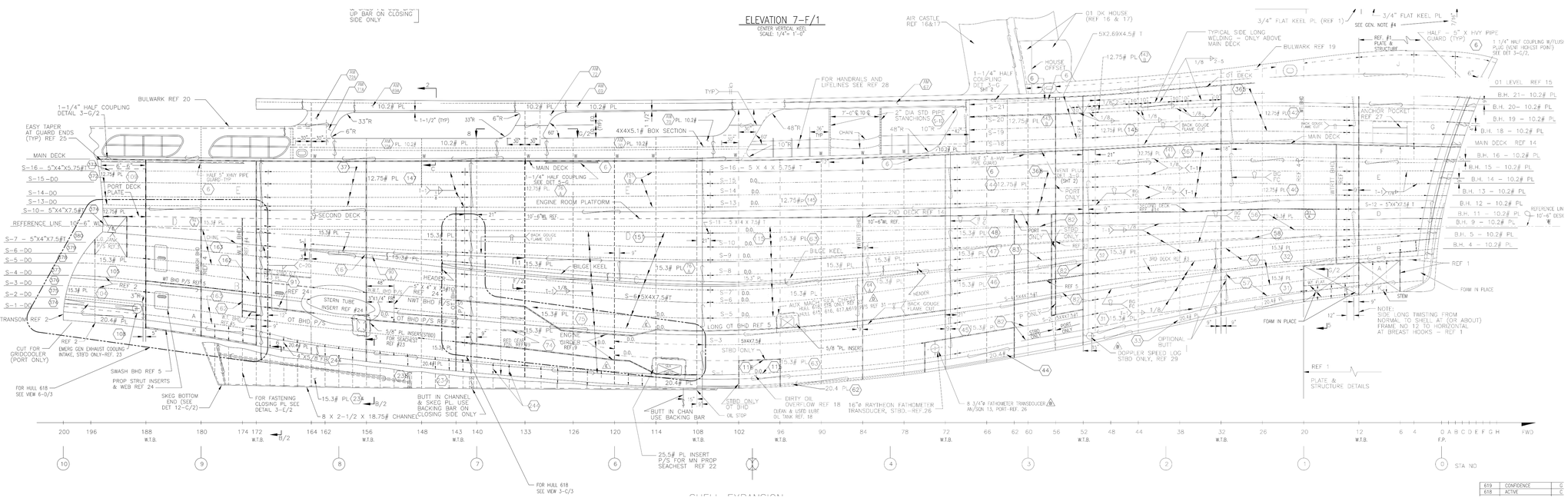
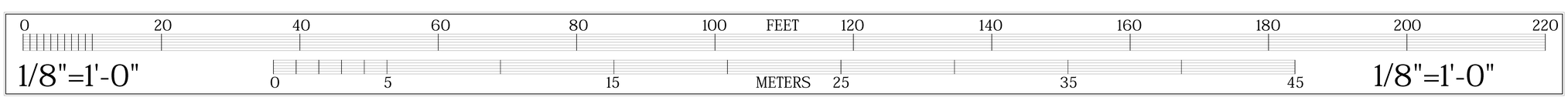
USCG 210' RELIANCE CLASS CUTTERS

CURRENT CONFIGURATION A-CLASS SHELL EXPANSION



SHELL EXPANSION



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U.S. COAST GUARD 210' RELIANCE CLASS CUTTERS
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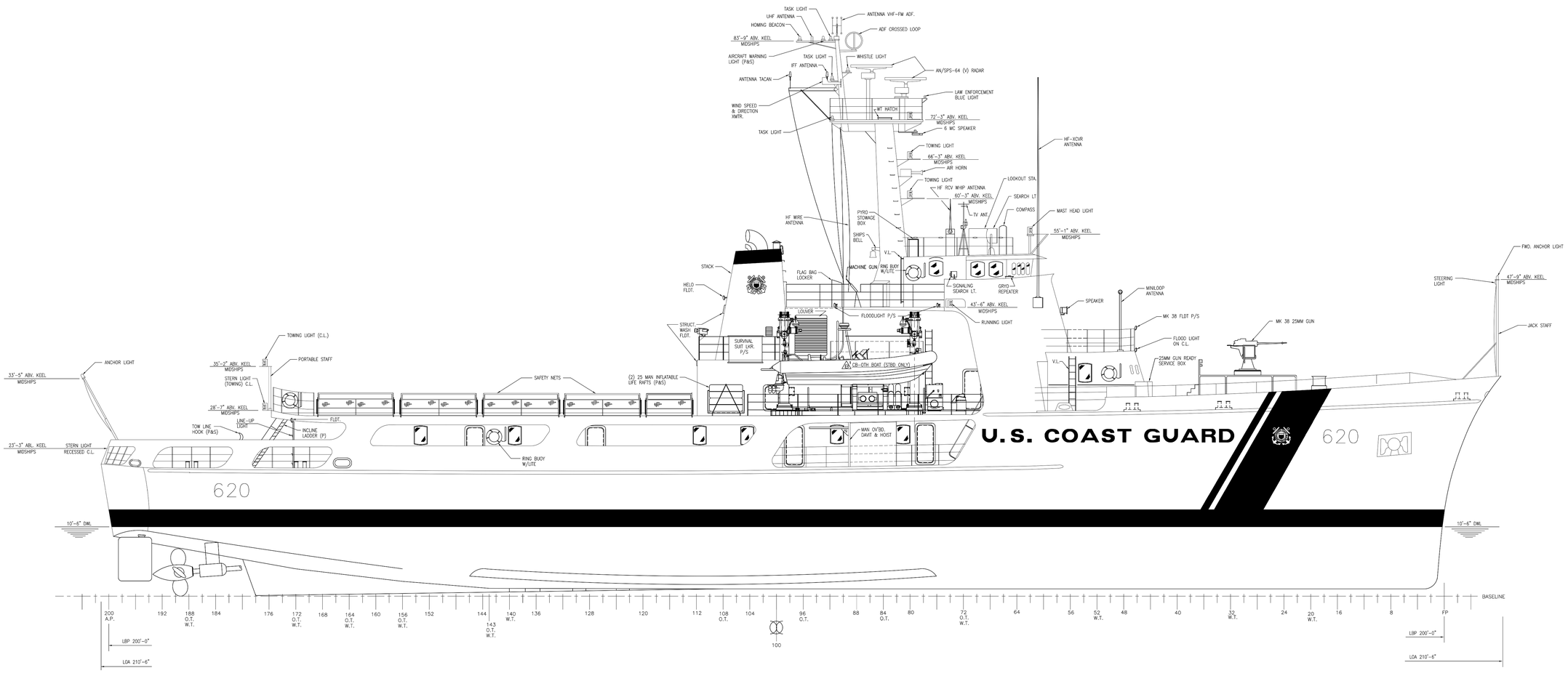
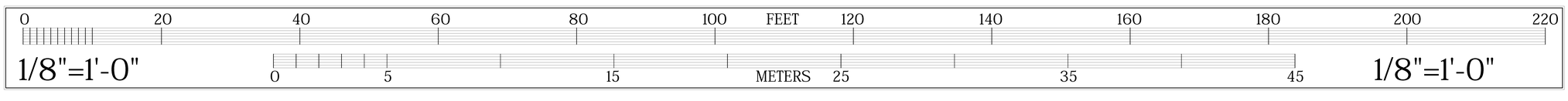
USCG 210' RELIANCE CLASS CUTTERS

CURRENT CONFIGURATION B-CLASS PROFILE

SPECIFICATIONS
LENGTH: 210 FT 6 IN
BEAM: 34 FT
DRAFT: 10 FT 9 IN
PROPULSION: 2x2,5000 HP ALCO 251B DIESEL ENGINES



OUTBOARD PROFILE



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U.S. COAST GUARD 210' RELIANCE CLASS CUTTERS
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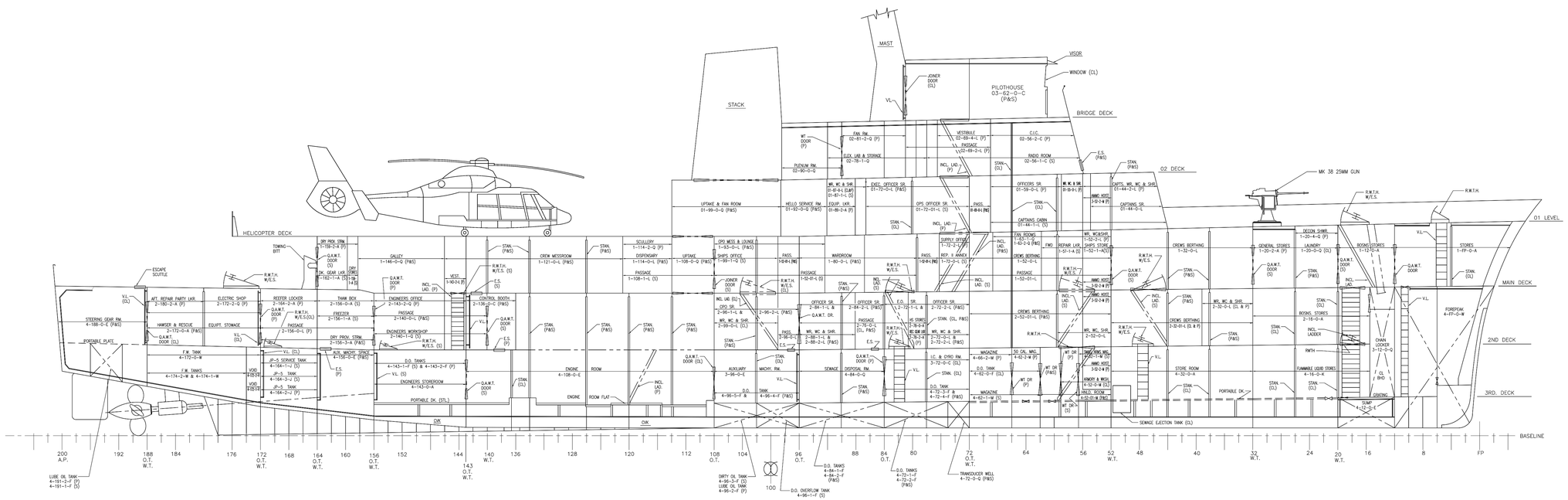
USCG 210' RELIANCE CLASS CUTTERS

CURRENT CONFIGURATION B-CLASS
INBOARD PROFILE



INBOARD PROFILE

0 20 40 60 80 100 FEET 120 140 160 180 200 220

1/8"=1'-0"

0 5 15 METERS 25 35 45

1/8"=1'-0"

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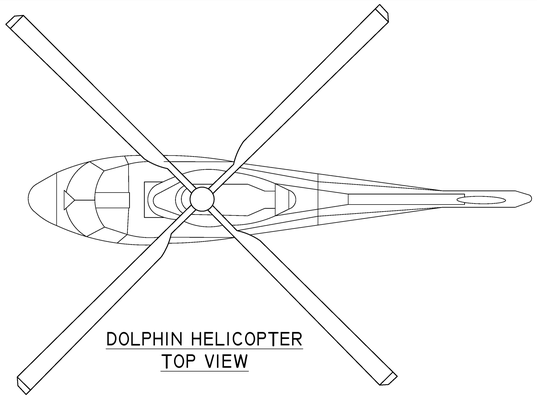
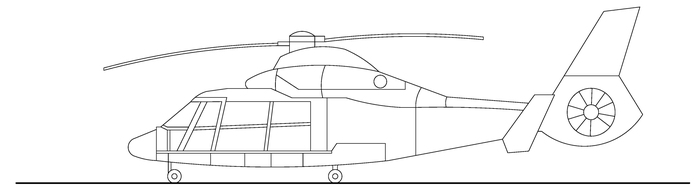
USCG 210' RELIANCE CLASS CUTTERS

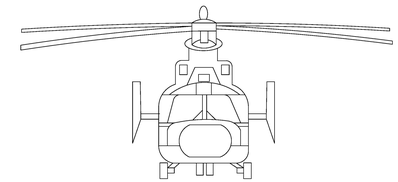
CURRENT CONFIGURATION B-CLASS
DECK PLANS / DOLPHIN HELICOPTER



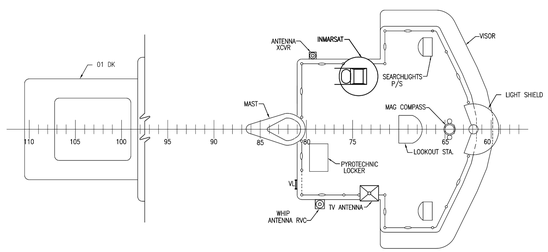
DOLPHIN HELICOPTER
TOP VIEW



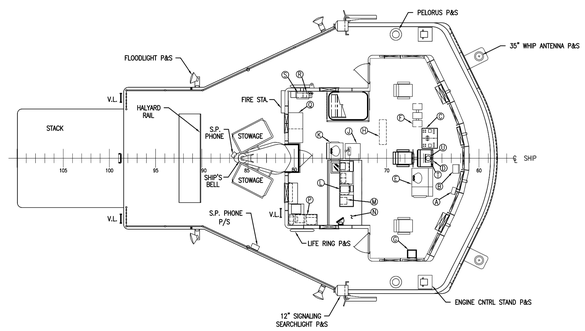
DOLPHIN HELICOPTER - SIDE VIEW



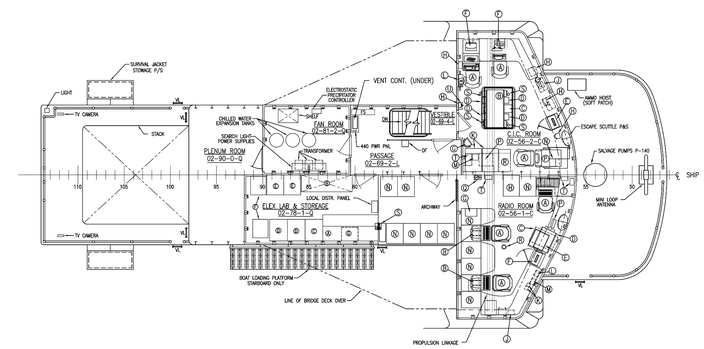
DOLPHIN HELICOPTER - FRON VIEW



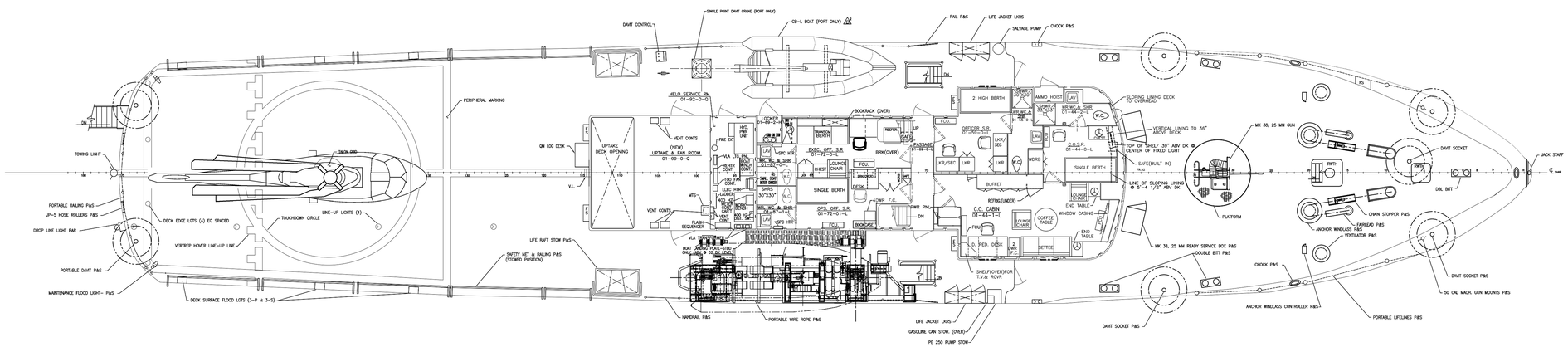
PILOT HOUSE TOP



BRIDGE DECK



02 DECK



01 DECK

0 20 40 60 80 100 FEET 120 140 160 180 200 220

1/8"=1'-0" 0 5 15 METERS 25 35 45 1/8"=1'-0"

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U.S. COAST GUARD 210' RELIANCE CLASS CUTTERS
VARIOUS LOCATIONS THROUGHOUT THE UNITED STATES

DISTRICT OF COLUMBIA
WASHINGTON

DELINEATED BY: DIANA SERRANO, 2017

HAER MARITIME RECORDING PROGRAM
NATIONAL PARK SERVICE
UNITED STATES DEPARTMENT OF THE INTERIOR

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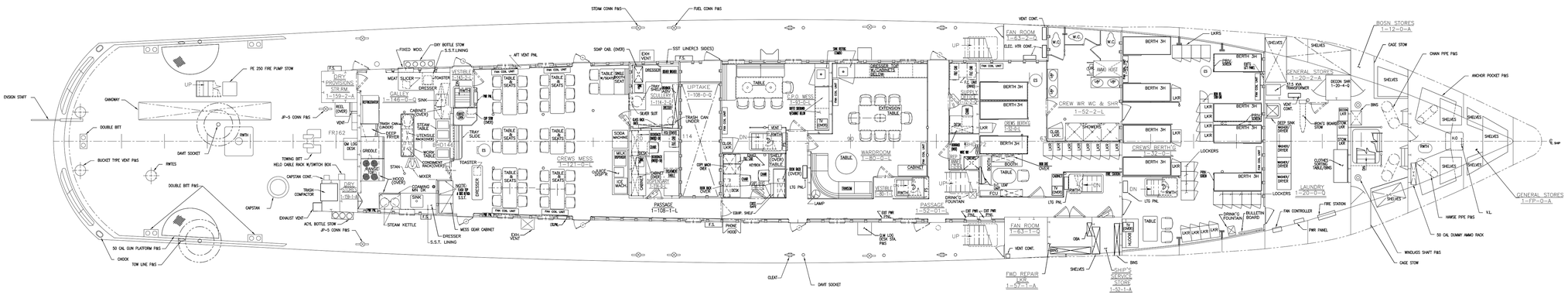
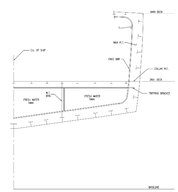
USCG 210' RELIANCE CLASS CUTTERS

CURRENT CONFIGURATION B-CLASS DECK PLANS

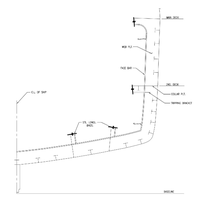


USCG 210' RELIANCE CLASS CUTTERS

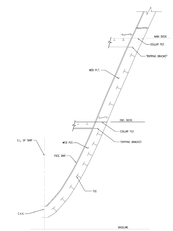
CURRENT CONFIGURATION B-CLASS
DECK PLANS / SECTIONS



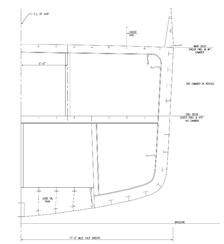
SIDE FRAME 180 AFT



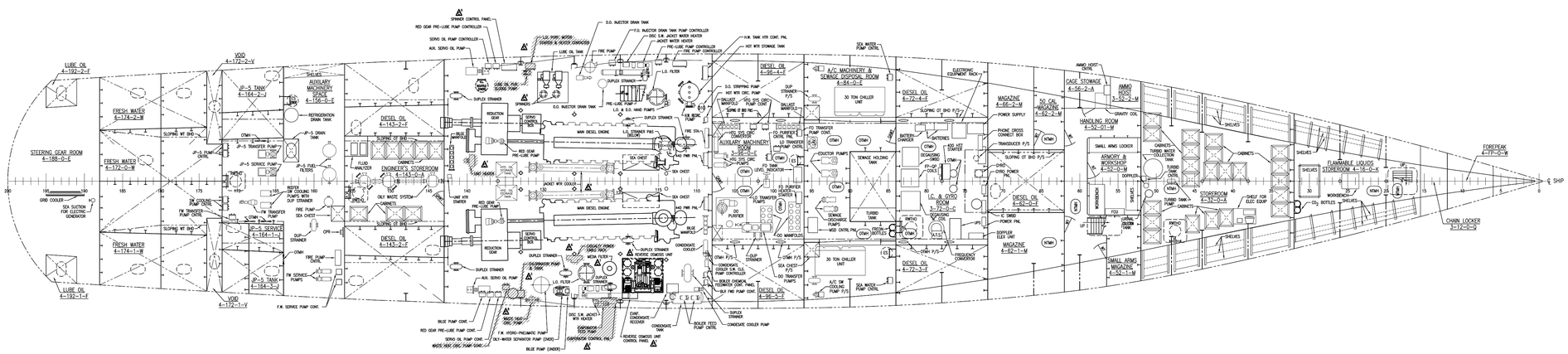
SIDE FRAME 148 AFT



SIDE FRAME 26 AFT



SECTION AT FRAME 102



THIRD DECK

0 20 40 60 80 100 FEET 120 140 160 180 200 220

1/8"=1'-0"

0 5 15 METERS 25 35 45

1/8"=1'-0"

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